# Halbert Dam and Lake Halbert

#### OWNER

City of Corsicana.

# ENGINEER (Design)

J. W. Harrison.

#### LOCATION

On Elm Creek in Navarro County, 4 miles southeast of Corsicana.

## DRAINAGE AREA

12 square miles. Runoff is supplemented by pumping water from Chambers Creek to Lake Halbert.

### DAM

Type Length Earthfill 2,780 ft 49 ft 16 ft Maximum height Top width
Top elevation 375.0 ft above msl

### SPILLWAY

Location Type Crest length

Left end of the dam Concrete (uncontrolled) 175 ft

368.0 ft above msl Crest elevation

### **OUTLET WORKS**

Outlet through the dam

Type
Outlet pipe size
Control to treating plant Control to downstream releases

24 inches Valve Valve

### STATE AUTHORIZATION

Permit No. 803 (Application No. 841) July 1, 1925, allows impoundment and use of 7,653 acre-feet per year for municipal purposes.

Permit No. 1534 (Application No. 1644) April 14, 1950, raises spillway height 1 foot. This Permit allows diversion of 3,650 acre-feet annually from Chambers Creek.

# RESERVOIR DATA (U.S. Geological Survey 1950 data)

Capacity

7,420 acre-feet at elevation 368.0 ft above msl 650 acres at elevation 368.0 ft above msl

## GENERAL

1920 1921 1921 Construction started Dam completed Impoundment of water began

